AMENDMENTS TO THE CLAIMS

1.(Original) A method of digital creation of a multivision filter effect, comprising the steps of:

initializing a plurality of layers and masks corresponding to the layers, wherein the layers and masks have the same dimensions as a picture, and each of the layers has the pixel information of the picture;

translating the layers and masks to positions determined according to user input; determining pixel values of each of the masks according to the positions thereof; and merging the layers to which the corresponding masks are applied.

- 2. (Original) The method as claimed in claim 1, wherein each of the masks has transparency information for pixels of each layer.
- 3. (Original) The method as claimed in claim 1, wherein the number of layers and masks is determined according to user input.
- 4. (Original) The method as claimed in claim 3, wherein the user input comprises a parameter T indicating a type of multivision filter, a parameter d indicating a relative distance between each layer and a parameter θ indicating a rotation angle of the multivision filter.
- 5. (Original) The method as claimed in claim 4, wherein when the parameter T indicates a circular type of multivision filter and the parameter θ is $2\pi/N$, both the number of the layers

Docket No.: 0941-0923P

Application No. 10/790,132

Amendment dated May 22, 2006

Reply to Office Action of February 22, 2006

and masks are (N+1), and the centers of the layers are evenly positioned on a circle and the

center of the circle.

6. (Original) The method as claimed in claim 5, wherein, for each of the masks except

that corresponding to the layer positioned in the center of the circle, the pixel values are

determined so that the mask is a linear gradient mask obtained by two gradient direction vectors

respectively from the center of its corresponding layer to the centers of two layers adjacent to its

corresponding layer on the circle.

7. (Original) The method as claimed in claim 6, wherein, for the mask corresponding to

the layer positioned in the center of the circle, the pixel values are determined so that the mask is

a spherically gradient mask.

8. (Original) The method as claimed in claim 4, wherein when the parameter T indicates

a linear type of multivision filter and the parameter d is D/N, the number of the layers is (N+1)

while that of the masks is N, and centers of the layers are evenly positioned along a line of the

length D from a start point of the line.

9. (Cancelled)

4